

**AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY  
VINAYAKA MISSION'S RESEARCH FOUNDATION  
(DEEMED TO BE UNIVERSITY)**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**Report on Workshop “Efficient Battery Cell  
Packaging: Methods for Modern Energy Systems”**

**Date:** 27/07/2025

**Venue:** Siemens Integrated Engineering Design Lab

**Time:** 09.00 AM – 03.00 PM

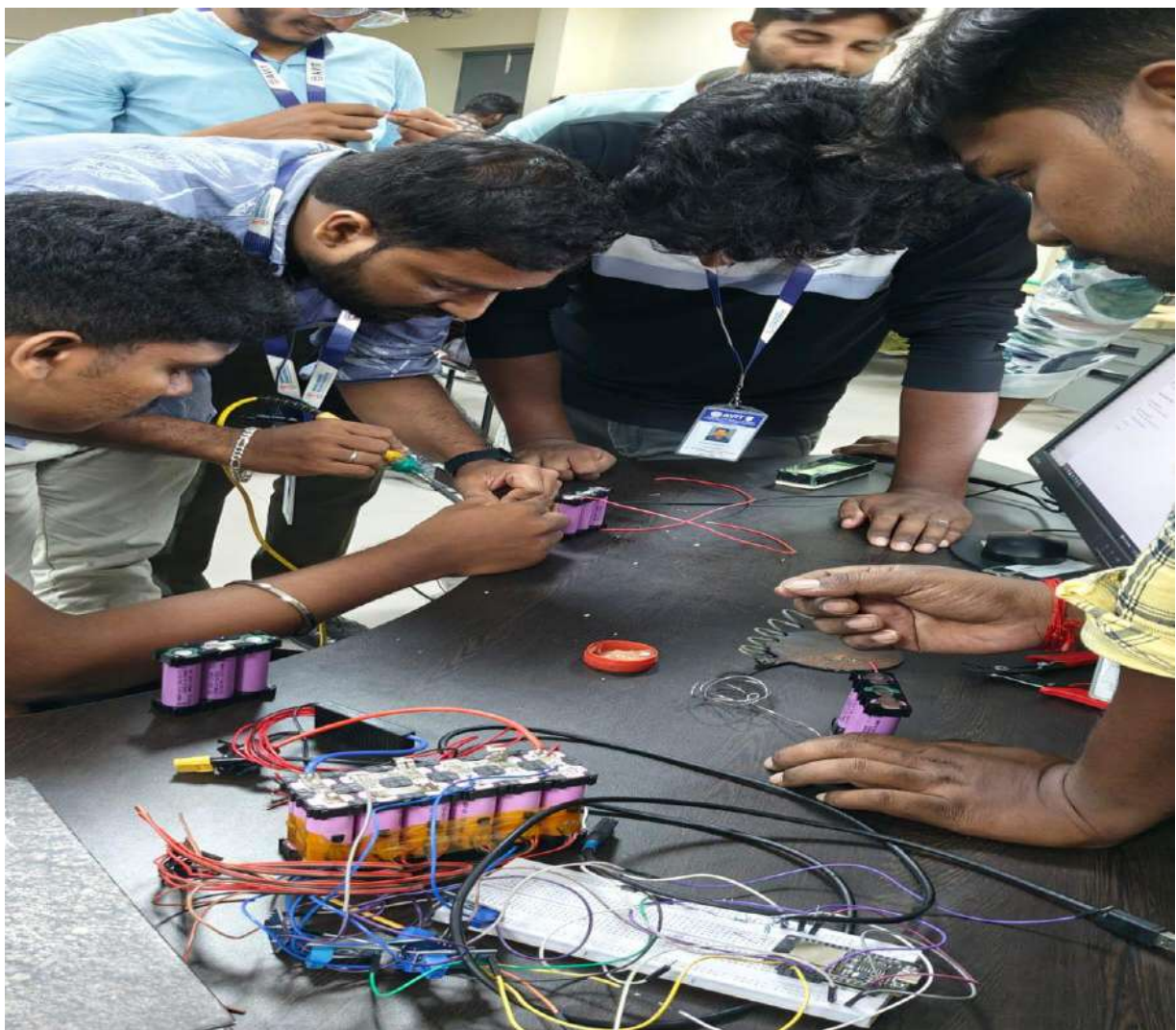
The Department of Electrical and Electronics Engineering organized a one-day workshop on **“Efficient Battery Cell Packaging: Methods for Modern Energy Systems”** to equip students with knowledge of advanced battery packaging techniques and their applications in modern energy systems. Dr. L. Chitra, Professor and Head of the Department, delivered the welcome address and highlighted the relevance of energy storage technologies in today's renewable energy landscape. Dr. L. Chitra also emphasized the importance of adopting innovative packaging methods to enhance battery performance, safety, and efficiency in energy applications.

The session was conducted by Mr. R. Anandhan, ISMO Bio-photonics, IIT Research Park, Chennai. He provided an in-depth understanding of various battery cell packaging techniques, thermal management methods, safety considerations, and the integration of these systems into electric vehicles and renewable energy storage solutions. The workshop also covered industry practices and the latest trends in battery technology. Interactive sessions and case studies helped participants understand practical approaches to efficient battery packaging. The students actively engaged in discussions and clarified their doubts regarding battery safety standards and emerging technologies.

The workshop concluded with a vote of thanks, appreciating the efforts of the organizing team and the resource person for delivering such an informative session. Overall, the event was a great success, with over 35 participants gaining valuable insights into the future of energy storage and battery system design.









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